<213> Homo sapiens

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1502

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<210> 1832
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<212> DNA
<213> Homo sapiens

<400> 1832
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1505

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1506

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<212> DNA
<213> Homo sapiens

<400> 1835
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<213> Homo sapiens

<400> 1836
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<212> DNA
<213> Homo sapiens

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<213> Homo sapiens

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1509

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<212> DNA
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<400> 1839

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1649

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1651

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1654

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<212> DNA
<213> Homo sapiens

<400> 1849

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<400> 1850

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1657

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<212> DNA
<213> Homo sapiens

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1785

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1786

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1787

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1793

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1794

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1796

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1808

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<210> 1862
<211> 423
<212> DNA
<213> Homo sapiens

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atctaacagg ccagaggccc catgatgatg tcgaatgccc atcgggcacc cagctgagcc    180
ctgcaggtgt taactcagtc ttcgtcacag cagtctaggc atacactcac cattagccca    240
tttgtaagct gaggaaacaa gcctaaggag ggtgaaagcc ttgccccagg gcacataccg    300
gtcctgctgg tttcagagcg ggcttttcac ctctgtttct tcctgtcctc ttgtggactg    360
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<211> 974
<212> DNA
<213> Homo sapiens

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<210> 1864
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<211> 974
<212> DNA
<213> Homo sapiens

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aagcttcagg aggaaaggct aggaaataag attctttggg tgagaataag gactttaaag     180
agattccaca tattcctggg aatctgaaag accatacaca tgcctagggc tgggcatgtg     240
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gacaaagaat acaaactaaa aaactaaaaa tgtagttcaa gaaaataaca ggctgggcac     540
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aatattcaga atgttcagtt ttcaacaaaa actatgaggt atgcgaagaa acaaagtatg     900
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<210> 1865
<211> 423
<212> DNA
<213> Homo sapiens

<400> 1865
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atctaacagg ccagaggccc catgatgatg tcgaatgccc atcgggcacc cagctgagcc     180
ctgcaggtgt taactcagtc ttcgtcacag cagtctaggc atacactcac cattagccca     240
tttgtaagct gaggaaacaa gcctaaggag ggtgaaagcc ttgccccagg gcacataccg     300
gtcctgctgg tttcagagcg ggcttttcac ctctgtttct tcctgtcctc ttgtggactg     360
gtatctgtgt ttaccatgac ccagccccat gtccctccag cctcttatcc tgcttctccc     420
tgc                                                                   423


<210> 1866
<211> 2234
<212> DNA
<213> Homo sapiens

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gctcaatttt attttgtgcg tgataatagc aatgtgctta tgtgttttat cttctagtga     180
tacatactga aatatttaca gatgaaataa tataatgcca attattttct tgaaattaat     240
gtggatgtgg aaagtagaca gagatagaga tttaacaaga tggattatga gctgataatt     300
gttgaagttg agtgacaggc acataggggt ttattataat atcccgtctt cttttgcata     360
tgtttaattt tccataataa ttttttaatg ttctaaaaat ttaaacttta ttttccaatc     420
aaatggaagt ctttagagat tttattttgc aagtggcaat atgattaaaa gggaaatagg     480
aaagataaat taagcaatga tttgcacatt aattggcagt tggggaagac caaagaccag     540
gagattagtt aagagtctct tacagcatcc cgatctacat tggaaaaagt ctgactgagg     600
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tcaaacctgg catattttaa aaatagtaat gtcatgaata aatataggcc agtcaagatg     780
acaaattgtt gggtgatgag gtaacaaatt tacttctaga catcaagttt gagaggatga     840
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<210> 1867
<211> 318
<212> DNA
<213> Homo sapiens

<400> 1867
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gccagggggtt ggtggtgggg aaagcgtgtg actaccatgg ggtagtatga ggtgattttt     180
gaggagatga aactgttctg tgtcctcatt gtggtagtgg ttacatgagt tagtacatgt      240
gttaaaactc atagataata cgcttcccca aggaatccat ttactataca ttaatttgtt      300
aaaaaaataa atgtaaaa                                                    318
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<210> 1868
<211> 1212
<212> DNA
<213> Homo sapiens

<400> 1868
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gttttcctag gcagaggacc ctgtggcctt ccgcagtgtt tgtgtccctg ggtacttgag     180
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gaccagcccg gccaacacag cgaaaccccg tctccaccaa aaaaatagaa aaaccagtca   1140
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cagggaggtt gc                                                       1212


<210> 1869
<211> 4685
<212> DNA
<213> Homo sapiens

<400> 1869
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aggagagaag aaagtgcaac gtggggagag ggaagtgaat tgcagagggg aggggaaaa     180
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<212> DNA
<213> Homo sapiens

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<210> 1876
<211> 99
<212> DNA
<213> Homo sapiens

<400> 1876
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```
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<211> 125
<212> DNA
<213> Homo sapiens

<400> 1877
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<211> 141
<212> DNA
<213> Homo sapiens

<400> 1878
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<210> 1879
<211> 207
<212> DNA
<213> Homo sapiens

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<210> 1880
<211> 164
<212> DNA
<213> Homo sapiens

<400> 1880
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<210> 1881
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<212> DNA
<213> Homo sapiens

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<210> 1882
<211> 117
<212> DNA
<213> Homo sapiens

<400> 1882
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<210> 1883
<211> 129
<212> DNA
<213> Homo sapiens

<400> 1883
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<210> 1884
<211> 165
<212> DNA
<213> Homo sapiens

<400> 1884
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<210> 1885
<211> 145
<212> DNA
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<213> Homo sapiens

<400> 1885
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<210> 1886
<211> 7000
<212> DNA
<213> Homo sapiens

<400> 1886
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1825

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<210> 1887
<211> 125
<212> DNA
<213> Homo sapiens

<400> 1887
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ccagg                                                                   125
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<210> 1888
<211> 134
<212> DNA
<213> Homo sapiens

<400> 1888
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<210> 1889
<211> 131
<212> DNA
<213> Homo sapiens

<400> 1889
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<210> 1890
<211> 755
<212> DNA
<213> Homo sapiens

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<210> 1891
<211> 554
<212> DNA
<213> Homo sapiens

<220>
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<222> (20)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (21)
<223> n equals a,t,g, or c

<220>
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<222> (31)
<223> n equals a,t,g, or c

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<210> 1892
<211> 205
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<213> Homo sapiens

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<210> 1893
<211> 1274
<212> DNA
<213> Homo sapiens

<400> 1893
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<210> 1894
<211> 39567
<212> DNA
<213> Homo sapiens

<400> 1894

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1829

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1830

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1831

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1832

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1833

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1838

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<210> 1895
<211> 654
<212> DNA
<213> Homo sapiens

<400> 1895
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ttaaccactt attaaattta aactctgctc ctcctgaact accaaacatg ctggcacaga   180
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ccaagggaaa accagcctgc ctgtgcagtg tgggacgggc aaggaagtgc tctggtcttc   300
ctcttcttcc aggtcttcct tccaggaagt gctggggaag tgtagtccca ggagggctgc   360
agagctccat tgcactgggc atgggccatc ctgtcccata acaggttcct agtacttacc   420
agtccctcca gctggagctt gggtgctgga ataacactgc aaggactctt gatttctgag   480
accaatctag tttgcttgtt tctaagaaat ttggattaga tattccagca caaagtgact   540
tttaaaaaat actcatttct atttttggcca aaagtgtaaa attcaggcaa gttactcacc  600
agagttctgt ggagggatgc ggacagagct gaccaaggcc attctgctct tacc          654
```

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<210> 1896
<211> 511
<212> DNA
<213> Homo sapiens

<400> 1896
ataaataaag atggcatagc cattaaagtt gtagttttta gatactagag caggagcatc   60
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gaagagcaga gaatgggggga aaaggagatt cccccattga aaacctagat aatgagagag   180
gcggaaccaa aagcagactc agaacttcac tgagaataat gggggtgtag tagtcaggtg   240
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<210> 1897
<211> 3018
<212> DNA
<213> Homo sapiens

<400> 1897
aagagaaagg ggtgctccac cactccctcc catcccgagg tgatctttgc ctgctcttct   60
ctacccaagc tcaagagctg cttctgttgc tatctaagaa ctgcataccc tcctccctgc   120
ttcttcccctt gtgcctcatg tatgggcagg aggaaaggtg ggaggggggag tgggaatatg  180
cgtgtgtggg tgggaatcgg taagaaatgc acctagcttt tcatattgtg tttattctcc   240
```

1839

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aggctattgc ttgcttcagc tgcagcctgc ctgtgctggc tgctggggtc gataggcttt      300
tgtcgtaata ggcagagatg acttgcatcc cagctttcca ccaaccaaat tcaaacattc      360
actgcttatt tgttacagac tgtaattatt aaagtccctg agagctgttt tctcccgttc      420
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gctgagtaag ggctcactgg aaacttgcag tcacaggatg tccaatcttt ggcagtccga      540
gcttggctct aggacagagc tgtccaatag aaatataatg tgagccccat atacaatttt      600
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aagaaaagca gaatgata                                                   3018
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agatatacct aatgctagat gacgagttag tgggtgcagc acaccagcat ggcacatgta       60
tacatatgta actaacctgc acattgtgca catgtaccct aaaacttaaa gtataataat      120
aataaataaa taaataaa                                                    138
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```
<211> 299
<212> DNA
<213> Homo sapiens

<400> 1899
tgactaggta gactgtagtg tagtcatatt ttggaatgca gactgtcatt aataatcttt       60
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aaacggggaa ctgtttctaa gtaaaaaata tacacataat tggttatctc tgggtgctgg      180
aggaatgggt gagttctttg tttttactca tccatatttt ctaaatctat aataagcaca      240
cactgtgata agaagaaaat gatttttttt aactttgtgc aagtacttgg gagccagtg       299


<210> 1900
<211> 1052
<212> DNA
<213> Homo sapiens

<400> 1900
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ttccttcatc tcctctcatg ttcacttctc tttgcctgga ccaatgggga aaaaagtgca      120
cagaatgaga ttatgtgact acagcaattc·tgagttagct ttgattgctc tgcagtaaaa      180
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acctgtgttg gcaacatagt gagacccccat ctctaatata tatatatctg ggcatggtgt      900
ctcctgcctg tagtcccagc tacttgggag ggttgaagtg ggagaatggc ttgagtccag      960
gaggttgagg ctgcagtgag ccatgattgc atcactgtac tccagcctgg gcgacagagc     1020
aagaccctgt ctccaaaaaa aaaaaaaaaa aa                                    1052


<210> 1901
<211> 431
<212> DNA
<213> Homo sapiens

<400> 1901
ctgtgaattg acacatatag cttcctctac tgtaaaggtt gatgtggcta atgagaaata       60
tttccacatc ttctcctttta tttcaaggag ataggctgtg gaagtcagac gtctctaagc      120
cccaagctgt tttatgtagc ctgttgttag tatgtggaag ctgaaattct tacagagtta      180
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gtatttggtg gcaaaccttt attctttagg tagatatttg aggtggctca gcagatttat      420
atgttgcggt a                                                           431


<210> 1902
<211> 865
<212> DNA
<213> Homo sapiens

<400> 1902
aaggttcaat tcagtacatc cataaatcga cagaatgaag aaaacataac aaaaagccac       60
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ctattccttc ctcttgctcc cttattagct aaagtaaaat ttacatctgt aagacttact    120
gagttgctgc caaaatggaa ctgaattctt aaaagcagga acatgcctat gtgaaacatt    180
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<210> 1903
<211> 651
<212> DNA
<213> Homo sapiens

<400> 1903
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gggtggagat ttacttggtt catacacctt ttgcctgaat taaagtattt catgtaggag    120
gacttttatc cttttttgata gacagtttca tatatcttga actcaatatc tcagatctct    180
tctactgtat tactgaatag catacataca tagacaatgt tcgccattca ctagatattt    240
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taatagaacc aaacccaata tgcataaaag aaatacaata ctccaggctt tagctgaagg    420
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tgtatattat atctgatctc taatgtagct tactggtttg ccttttttaa aaccaaaatt    540
ggaaattttc ctttgtaaag aaaaaaagtc ttatgagata attgcttgat taatgttttg    600
aacaatacca agaaattgtt taattaaaat aaatattttt gtttgaaatt g             651
```

<210> 1904
<211> 185
<212> DNA
<213> Homo sapiens

<400> 1904
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tttgaaataa aatatttatt tcagataaag ttaatatttc cataattaag gtaaagcaaa     60
catatatgct tgagtccatt atttaaggac tataaaatga cttccatgaa tattagagtt    120
cctgaatgtc atttgagtat ctgcctacat gcttgttgga agcttctgta gccttttctt    180
tgtag                                                                185
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<210> 1905
<211> 1532
<212> DNA
<213> Homo sapiens

<400> 1905
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ttgtatgctt tgtcaaagat cagttggcta taagtatttg ctttatttc tgggttgtct     180
gttctgttcc attggtctat gtacctgttg ttatactagc cccatgctat tttggtaact    240
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tctgattgac aaaggtattt tgatgggagt tctgtgaaga gtgatggtgg tatcttgata    420
agaactgcat tgaatctgta gcttgcttta ggcagtatgg tcattttcac aatattgatt    480
```

```
ctacccatcc atgagcatgg gatatgtttc catttgtttg tgtcatctat gatttctttc      540
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aagtattta ttttattttt tttgcagctg ttataaaagg aatggaattg ttgatttgat       660
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cactgtagaa acagtataga gattccttaa agaattaaaa gtagaactac ctttcaatcc     1500
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```

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<210> 1906
<211> 409
<212> DNA
<213> Homo sapiens

<400> 1906
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taatatgcga gtccaagaaa gagaagagag agagaaagaa acagaaagtg tatttaaaga      120
gataatggcc ccaaacttgc caaaacagag gaaggagatg gacatccaga tttaagaagt      180
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<210> 1907
<211> 319
<212> DNA
<213> Homo sapiens

<400> 1907
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<211> 3788
<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<210> 1910
<211> 3211
<212> DNA
<213> Homo sapiens

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<211> 2914
<212> DNA
<213> Homo sapiens

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<210> 1912
<211> 5257
<212> DNA
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<213> Homo sapiens

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1848

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<212> DNA
<213> Homo sapiens

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<211> 495
<212> DNA
<213> Homo sapiens

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1850

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1856

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1858

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<210> 1918
<211> 364
<212> DNA
<213> Homo sapiens

<400> 1918
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aatgcagctg gcacgacagg tttcccgact ggaaagcggg cagtgagcgc aacgcaatta     240
atgtgagtta gctcactcat taggcacccc aggctttaca ctttatgctt ccggctcgta     300
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acgc                                                                   364
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<210> 1919
<211> 247
<212> DNA
<213> Homo sapiens

<400> 1919
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tggaaagcgg  gcagtgagcg  caacgcaatt  aatgtgagtt  agctcactca  ttaggcaccc      180
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<210> 1920
<211> 686
<212> DNA
<213> Homo sapiens

<220>
<221> SITE
<222> (95)
<223> n equals a,t,g, or c

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<210> 1921
<211> 364
<212> DNA
<213> Homo sapiens

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acgc                                                                       364
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<210> 1922
<211> 288
<212> DNA
<213> Homo sapiens

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<210> 1923
<211> 288
<212> DNA

<213> Homo sapiens

<400> 1923
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ccccaaaaaa cttgatttgg gtgatggttc acgtagtggg ccatcgccct gatagacggt     240
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<210> 1924
<211> 7173
<212> DNA
<213> Homo sapiens

<400> 1924
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gaatggaaaa atatactgaa ttaaagttct gatagttttt attttttact tattttattt     180
tatttttttt tgagacagag tcttactctg tcacccaggc tggagtgca  atggcacgat     240
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<210> 1925
<211> 39339
<212> DNA
<213> Homo sapiens

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1863

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1865

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1867

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1868

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1869

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1870

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1880

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<211> 140
<212> DNA
<213> Homo sapiens

<400> 1929
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1885

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<213> Homo sapiens

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<210> 1937
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<210> 1938
<211> 1932
<212> DNA
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1894

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<210> 1940
<211> 98
<212> DNA
<213> Homo sapiens

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<210> 1941
<211> 110
<212> DNA
<213> Homo sapiens

<400> 1941
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<210> 1942
<211> 2841
<212> DNA
<213> Homo sapiens

<400> 1942
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<210> 1943
<211> 758
<212> DNA
<213> Homo sapiens


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<210> 1944
<211> 625
<212> DNA
<213> Homo sapiens


<400> 1944
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gaatgcgctt cattggctta cgctttgctt tctgtatgct ttctgtcctt ctgggtggtg    180
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ttagtcatct ttccttctct gagcagatcc ttgagaaggg cattgacagt ggatgcttta    300
aatagtgttc agtttttacc agtaataata ttttttggtg gatgtcatga aaacacatga    360
catcgtgttg tgcccatgat aaaaagtcct gacttttat tgaatgaggt gtgctggtca    420
aagagacaga cgtggctgcc ttctctggta acagccagag gaaaaagtta gcaattctag    480
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<210> 1945
<211> 2144
<212> DNA
<213> Homo sapiens


<400> 1945
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gtgctttgtt tggcaaagat ttatttaatg gtttcatttt ctctgcaaga agaaaaaaag    180
cagatcatcg aagctcttat tatttgcact gtggcagatt cacttgagtt cagaagccta    240
gggaaaaggt gggacttttg aaactagggc agtaggtaaa tgtggacaca ccttcgtttg    300
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<210> 1946
<211> 2144
<212> DNA
<213> Homo sapiens

<400> 1946
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gtgctttgtt tggcaaagat ttatttaatg gtttcatttt ctctgcaaga agaaaaaaag    180
cagatcatcg aagctcttat tatttgcact gtggcagatt cacttgagtt cagaagccta    240
gggaaaaggt gggacttttg aaactagggc agtaggtaaa tgtggacaca ccttcgtttg    300
tatttgatta gggatctgac agcgtgcata tgtgtacagg tttgcacgtg tgcatacaca    360
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tacagcgtga attctcatcc tgatagttgc agaaaatatt tcttttaaaa tggagattaa    480
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1898

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<210> 1947
<211> 517
<212> DNA
<213> Homo sapiens

<400> 1947
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<210> 1948
<211> 517
<212> DNA
<213> Homo sapiens

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1902

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1903

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1904

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1910

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1911

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<210> 1976
<211> 1487
<212> DNA
<213> Homo sapiens

<400> 1976
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1929

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<210> 1977
<211> 1487
<212> DNA
<213> Homo sapiens

<400> 1977

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<210> 1978
<211> 575
<212> DNA
<213> Homo sapiens

<400> 1978

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<210> 1979
<211> 577
<212> DNA
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<213> Homo sapiens

<400> 1979
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<210> 1980
<211> 859
<212> DNA
<213> Homo sapiens

<400> 1980
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<210> 1981
<211> 575
<212> DNA
<213> Homo sapiens

<400> 1981
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<210> 1982
<211> 582
<212> DNA
<213> Homo sapiens

1931

<400> 1982

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<210> 1983
<211> 3207
<212> DNA
<213> Homo sapiens

<400> 1983

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<210> 1989
<211> 3439
<212> DNA
<213> Homo sapiens

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<210> 1990
<211> 2668
<212> DNA
<213> Homo sapiens

<400> 1990

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<211>  863
<212>  DNA
<213>  Homo sapiens

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<211>  1292
<212>  DNA
<213>  Homo sapiens

<400>  1992
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tgggtaagca ccacctaagt ttcttgattc atggcatgtg ttcttaaacc aatttactat    780
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<210> 1993
<211> 1292
<212> DNA
<213> Homo sapiens

<400> 1993
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<210> 1994
<211> 184
<212> DNA
<213> Homo sapiens

<400> 1994
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cgct                                                                   184
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<210> 1995
<211> 7932
<212> DNA
<213> Homo sapiens

<400> 1995
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1940

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1950

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1951

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1958

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1959

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1964

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1965

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1973

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1974

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<212> DNA
<213> Homo sapiens

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<212> DNA
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<213> Homo sapiens

<400> 2011

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<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<210> 2014
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<212> DNA
<213> Homo sapiens

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<211> 1144
<212> DNA
<213> Homo sapiens

<400> 2015
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<210> 2016
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<212> DNA
<213> Homo sapiens

<400> 2016
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<211> 696
<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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1980

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1981

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<210> 2019
<211> 945
<212> DNA
<213> Homo sapiens

<400> 2019
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<211> 3503
<212> DNA
<213> Homo sapiens

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<210> 2021
<211> 1729
<212> DNA
<213> Homo sapiens

<400> 2021
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<211> 130
<212> DNA
<213> Homo sapiens

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<210> 2023
<211> 143
<212> DNA
<213> Homo sapiens

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<210> 2024
<211> 151
<212> DNA
<213> Homo sapiens

<400> 2024
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ataaagaaat aaataaaaaa aaaaaaaaaa a                                   151


<210> 2025
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<212> DNA
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<400> 2025
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aaaaaaaaaa agaaaaaaaa aaaaaaaana aaaaaaaaaa agaaaaaaaa aaaaaaaaaa       120
aaaaaaagaa aaagggaaaa aaaaaaaaaa a                                      151


<210> 2026
<211> 118
<212> DNA
<213> Homo sapiens

<400> 2026
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<210> 2027
<211> 126
<212> DNA
<213> Homo sapiens

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaanaaaaa aaaaaannan aaaaaaanaa     120
aaaaaa                                                                126


<210> 2028
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<212> DNA
<213> Homo sapiens

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tggtaattcc gtgtttaact tttggaggaa ctgccaaact gttttctacc gtggctgtac     180
cattttatat tcccaccaac cattgattta gtttgacttc tgttgtttaa agaagtatat     240
ctgaatttta cacatactcc aaaactgtaa ttatttgaat taattggagt agaaattaat     300
ttgaaataat gaaatgtctg attactggac atcaaaagct gctttgcatt aggccatggt     360
tctcagaatt cacaatcctc ctttccattt tttcctccct ccctcccttc ctcctctcgc     420
taccatggtc actctcagct tcacaataag cacgtgtatc ttagggcatt tgaacttcaa     480
atactacagc acctcacacg taagaactct gtaacagtag acctctattt ccctttcctg     540
tcctatgtgc tactttttg ttttgttttt ttgagacagg gtcttgcttt gttgcccagg     600
caggagggca gtggcgtaat cacagctcac tgcagcctca acctcctgtt taagcgatcc     660
tcccacttct acctgccaag tagctaggac tacagatgca gaccaccatg cccggctaat     720
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gcctggcctt tgtatttttg tcatacattt tatttcccag tattatagac tccagaatat     900
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aaaagcatgt ttgacatttc ctgtagtatt gctttgctgg tgacacattc ttcctcagct    1140
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1986

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<212> DNA
<213> Homo sapiens

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ggcgttcgct accacaccca g                                                141


<210> 2030
<211> 1413
<212> DNA
<213> Homo sapiens

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tctgctatcc tgcgttcccc taactggcac cctcctgggc cagccagcag caggacatag     180
accaaggcca acctcctcca cacccagggc ctctgccttc taccctctgt ggagtctcca     240
ttaacttggc attgacaggg ctgcttgact caaaacaacc ccagccctgc cctgaagcca     300
tctcgccagt cagtcagagc tcaagactct ctctttctct ggagaagagc aggaaagtaa     360
tcccagctaa ccctcatgca gccaccactc tgtgtcagaa tctcttctag gccattgcat     420
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ttcctgtgga ttatgggagg gggatgtgtg gaggacctgt gtctactgtt cctctagcct     720
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gtgccaggca ctgtcctagg cacgctatag ttatcattgt ctcctttggt gcccccagac    1020
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cagcctgggc aacatagtga gaccctgtct ctacaaaaaa aaaaaaaaaa gaagaagaaa    1260
agaaaagaaa aattagcctg gcatggtggc atctgcctgt agtcccagct actcaggagg    1320
ctgaggcagg aagatcactt gagccaggga atgtttgagg ctgcaatgag ctgtaatcac    1380
accactgcac tccagcatgg gcgacagagt ctc                                 1413


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tctgctatcc tgcgttcccc taactggcac cctcctgggc cagccagcag caggacatag     180
accaaggcca acctcctcca cacccagggc ctctgccttc taccctctgt ggagtctcca     240
ttaacttggc attgacaggg ctgcttgact caaaacaacc ccagccctgc cctgaagcca     300
tctcgccagt cagtcagagc tcaagactct ctctttctct ggagaagagc aggaaagtaa     360
tcccagctaa ccctcatgca gccaccactc tgtgtcagaa tctcttctag gccattgcat     420
tgaataagtc atttaatcca tataaacctg caaggagtag gtgatattgt taaccccatt     480
ttataggcga ggaaactgag gcatggtgag gttaagtgac cagcaaggtg gaaatctgag     540
gtttgaccca tctcctggtg tggagtccag ttctctcagc ttcactgatc cttcctgatt     600
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gacttgttcc ccctccccct gaatcccagg gcacagctct atggaataag ctctagctgg    840
aacttgtaaa gtttgcccag ccctccctgg gaggctagga ggtgggggaag agccaggaga    900
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gccaggcact gtcctaggca cgctatagtt atcattgtct cctttggtgc ccccagacag   1020
cccagggtca agacaggtag cctcagttta cagatgcagc agtggaggct tgcacaatga   1080
gtaggtggct ttgttcaaat cacagaccta ggccaggtat aaaagcctaa gtgtggtgta   1140
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aaaagaaaaa ttagcctggc atggtggcat ctgcctgtag tcccagctac tcaggaggct   1320
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tcaagaatga ggaaacaggg cgcccaggcg atgggctgtg gtgtgtcctg ggagcagcca    180
atgatcagca gagtagaggc agcgagtgtt gaccccata gcaaaaaatg agtgctgggg    240
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cttacgtctt ctccctacaa gtcaggctca gggaggggag cagataccct gcttgaggac    360
ccccaggaaa ccagttcctc tttccttctt gtggagggag tgcctgggct ctgggcaggg    420
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tcaagaatga ggaaacaggg cgcccaggcg atgggctgtg gtgtgtcctg ggagcagcca    180
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